AVISCERA BIOSCIENCE

Human Soluble IL1 Receptor 1 (sIL1R1) Recombinant (HEK293) Biotinylated

Product Information

Code	00118-06-10B
Name	Soluble IL1R1 (Human), Rec.Biotinylated
Lot No.	
Size	10 μg
Species	Human
Sequence	Leu18-Thr332
Protein ID	NP_000868
Gene ID	NM_000877
MW	55-60 KD (glycosylated) in SDS-PAGE gel under reduce condition
Tag	His tag on C terminus
Source	HEK293 cells
Purity	>97% in SDS-PAGE gel
Formulation	PBS lyophilized form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	PBS, 100 μl

Description

A DNA sequence encoding the extracellular domain of human IL1R1 (Leu^{18}-Ala^{332}) with polyhistidine tag on the C-Terminus was expressed in HEK293 cells. The soluble form of recombinant human IL1R1 has a predicted molecular mass of 37.7 kDa. In SDS-PAGE under reducing conditions, it migrates with an apparent molecular mass of 55-60 kDa due to glycosylation. This human sIL1R1 recombinant protein was conjugated with water soluble biotin and dialysis against PBS.

Formulation

Lyophilized 10 μg of human soluble IL1R1 Biotinylated in 50 μl of 0.2 μm filtered solution in PBS. Carry free.

Endotoxin Levels

< 1.0 EU per 1 μg of the protein by the LAL method.

Bioactivity

The bioactivity was measured to bind human IL1-beta coated on microplates on a functional ELISA.

Reconstitution & Storage

Add 100 μl PBS to the vial to prepare a working stock solution at 100 μg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 12 months from date of receipt at - 20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months).

ORDER INFORMATION
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